



# Essential SmartBright G2 LED Floodlight

## BVP135 LED40/WW 50W 100-240V WB

Essential SmartBright G2 LED Floodlight, 4000 lm, 50 W, 830 warm white, Symmetrical wide beam, 100°, Safety class I, Mounting bracket adjustable

Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. It is light weight with die-cast aluminum housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

### Product data

| General Information                |                | Optical cover type            |  |
|------------------------------------|----------------|-------------------------------|--|
| Light source replaceable           | No             | Polycarbonate bowl/cover flat |  |
| Number of gear units               | 1 unit         | Luminaire light beam spread   |  |
| Driver included                    | Yes            | 100°                          |  |
| Light source engine type           | LED            | Optic type outdoor            |  |
| Lighting Technology                | LED            | Symmetrical wide beam         |  |
| CE mark                            | CE mark        | Operating and Electrical      |  |
| Light Technical                    |                | Input Voltage                 |  |
| Luminous Flux                      | 4,000 lm       | 100 to 240 V                  |  |
| Correlated Color Temperature (Nom) | 3000 K         | Line Frequency                |  |
| Luminous Efficacy (rated) (Nom)    | 80 lm/W        | 50 to 60 Hz                   |  |
| Color rendering index (CRI)        | >80            | Power Consumption             |  |
| Light source color                 | 830 warm white | 50 W                          |  |
|                                    |                | Power Factor (Fraction)       |  |
|                                    |                | 0.9                           |  |
|                                    |                | Connection                    |  |
|                                    |                | Flying leads/wires            |  |
|                                    |                | Cable                         |  |
|                                    |                | Cable 0.25m without plug      |  |

# Essential SmartBright G2 LED Floodlight

## Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
|---------------------------|---------------|

## Controls and Dimming

|                       |    |
|-----------------------|----|
| Dimmable              | No |
| Control interface     | -  |
| Constant light output | No |

## Mechanical and Housing

|                                     |                             |
|-------------------------------------|-----------------------------|
| Housing Material                    | Aluminum die cast           |
| Optical cover material              | Polycarbonate               |
| Fixation material                   | Steel                       |
| Housing Color                       | Black                       |
| Mounting device                     | Mounting bracket adjustable |
| Optical cover shape                 | Flat                        |
| Optical cover finish                | Textured                    |
| Overall length                      | 240 mm                      |
| Overall width                       | 201 mm                      |
| Overall height                      | 38 mm                       |
| Effective projected area            | 0.053 m <sup>2</sup>        |
| Dimensions (Height x Width x Depth) | 38 x 201 x 240 mm           |

## Approval and Application

|                         |  |
|-------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
|-------------------------|--|

|                              |                |
|------------------------------|----------------|
| Mech. impact protection code | IK06 [1 J]     |
| Protection class IEC         | Safety class I |

## Initial Performance (IEC Compliant)

|                             |         |
|-----------------------------|---------|
| Luminous flux tolerance     | +/-10%  |
| Initial chromaticity        | SDCM <7 |
| Power consumption tolerance | +/-10%  |

## Application Conditions

|                   |                |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

## Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Order product name              | BVP135 LED40/WW 50W 100-240V WB |
| Full product name               | BVP135 LED40/WW 50W 100-240V WB |
| Full product code               | 871016331558499                 |
| Order code                      | 911401614104                    |
| Material Nr. (12NC)             | 911401614104                    |
| Numerator - Quantity Per Pack   | 1                               |
| EAN/UPC - Product/Case          | 8710163315584                   |
| Numerator - Packs per outer box | 12                              |
| EAN/UPC - Case                  | 8710163315706                   |

## Dimensional drawing

